

In the SpecificationPlease amend paragraph 0030 as follows:

The measuring unit 202 is connected with the diluent solution supply unit 204. The diluent solution supply unit 204 is a device for supplying pure water or a solution with substantially the same composition as the slurry solution to the slurry in the by-pass 212. As the diluent solution is supplied from the diluent solution supply unit 204 to the slurry in the by-pass 212, the concentration of particles to slurry is reduced by a known amount determined by the amount of diluent solution added, so that the photo image sensor 202a can accurately measure the cross-sectional image for slurry having a high concentration of particles.

Please amend paragraph 0034 as follows:

A certain quantity of the slurry is introduced into the by-pass 212 diverged from the slurry supply line 211 (S602). Then, the diluent solution is introduced into the by-pass 212 (S603). Preferably, the diluent solution is pure water or a solution with the same composition as slurry solution. The reason for inserting the diluent solution is to improve the accuracy of the cross-sectional image of the by-pass 212 using the photo image sensor 202a when the particle concentration of the slurry is high.

Please amend paragraph 0041 as follows:

Preferably, the diluent solution is pure water or a solution with the same composition as the slurry solution.